

AMENDMENTS TO THE CLAIMS

Please amend claim 1, and add new claims 9-21, as follows:

Claim 1 (Currently Amended) A sanitary material resistant to hot water cycles and comprised of a ~~thermoplastic with~~ PMMA molding composition and from 1 to 15% by weight content of an impact modifier, based on the rubber phase of the impact modifier, wherein the ~~sanitary material comprises a PMMA moulding~~ molding composition comprised of comprises methyl methacrylate and optionally comprising up to 4% by weight of vinylic comonomers and having an average molar mass Mw of from 130 000 to 190 000 g/mol, and wherein the sanitary material ~~moulding composition~~ is processed by extrusion to give a semifinished sheet.

Claim 2 (Previously Presented) The sanitary material resistant to hot water cycles according to Claim 1, wherein the vinylic comonomers comprise one or more alkyl acrylates.

Claim 3 (Previously Presented) A sheet comprising the sanitary material according to Claim 1.

Claim 4 (Previously Presented) A shower tray comprising the sanitary material according to Claim 1.

Claim 5 (Previously Presented) A bathtub comprising the sanitary material according to Claim 1.

Claim 6 (Previously Presented) A sunbed roof comprising the sanitary material according to Claim 1.

Claim 7 (Cancelled).

Claim 8 (Previously Presented) A method for making a sanitary material as claimed in Claim 1, said method comprising: forming said semifinished sheet into said sanitary material.

Claim 9 (New) The sanitary material resistant to hot water cycles according to Claim 1, wherein the average molar mass M_w of the PMMA molding composition is from 155,000 g/mol to 165,000 g/mol.

Claim 10 (New) The sanitary material resistant to hot water cycles according to Claim 1, wherein the sanitary material consists essentially of a PMMA molding composition and from 1 to 15% by weight content of an impact modifier, based on the rubber phase of the impact modifier, wherein the PMMA molding composition consists essentially of methyl methacrylate and optionally up to 4% by weight of vinylic comonomers and having an average molar mass M_w of from 130 000 to 190 000 g/mol, and wherein the PMMA molding composition is processed by extrusion to give a semifinished sheet.

Claim 11 (New) A sanitary material resistant to hot water cycles, wherein said sanitary material comprises an impact-modified polymethyl methacrylate molding composition comprising:

- 1) from 70 wt. % to 99 wt. % of a polymethyl methacrylate matrix composition having an average molar mass molecular weight of from 130,000 g/mol to 190,000 g/mol, wherein said polymethyl methacrylate matrix composition comprises:
 - a) from 80 wt. % to 99.5 wt. % methyl methacrylate; and
 - b) from 0.5 wt. % to 20.0 wt. % vinylic comonomer; and
- 2) from 1 wt. % to 15 wt. % of an impact-modifier composition in the form of a crosslinked elastomeric particle, wherein said impact-modifier composition comprises:
 - a) from 50 wt. % to 70 wt. % methyl methacrylate;
 - b) from 20 wt. % to 40 wt. % butyl acrylate, butadiene, or both;
 - c) from 0.1 wt. % to 2 wt. % allyl methacrylate; and
 - d) from 0.5 wt. % to 5 wt. % vinylic comonomer.

Claim 12 (New) The sanitary material resistant to hot water cycles according to Claim 11, wherein said vinylic comonomer is one or more vinylic comonomers selected from the group consisting of an alkyl acrylate, an alkyl methacrylate, and styrene.

Claim 13 (New) The sanitary material resistant to hot water cycles according to Claim 12, wherein said alkyl acrylate is selected from one or more C₁-C₄ alkyl acrylates.

Claim 14 (New) The sanitary material resistant to hot water cycles according to Claim 12, wherein said alkyl methacrylate is selected from one or more C₁-C₄ alkyl methacrylates.

Claim 15 (New) The sanitary material resistant to hot water cycles according to Claim 11, wherein said crosslinked elastomeric particle of said impact-modifier composition has an average particle size of from 100 nm to 500 μm .

Claim 16 (New) The sanitary material resistant to hot water cycles according to Claim 11, wherein said impact-modified polymethyl methacrylate molding composition exhibits a flowability of about 10.0 $\text{cm}^3/10$ minutes.

Claim 17 (New) The sanitary material resistant to hot water cycles according to Claim 11, wherein said impact-modified polymethyl methacrylate molding composition exhibits a vicat softening temperature of greater than 105°C.

Claim 18 (New) A sanitary article comprising said sanitary material according to Claim 11.

Claim 19 (New) The sanitary article according to Claim 18, wherein said sanitary article is selected from the group consisting of a sheet, a shower tray, a bathtub, and a sunbed roof.

Claim 20 (New) A process of producing a sanitary article comprising melting said impact-modified polymethyl methacrylate molding composition of said sanitary material resistant to hot water cycles according to Claim 11 to produce a melted impact-modified polymethyl methacrylate molding composition, and extruding or injection molding said melted impact-modified polymethyl methacrylate molding composition to produce said sanitary article.

Claim 21 (New) The process of producing a sanitary article according to Claim 20, wherein said sanitary article is selected from the group consisting of a sheet, a shower tray, a bathtub, and a sunbed roof.